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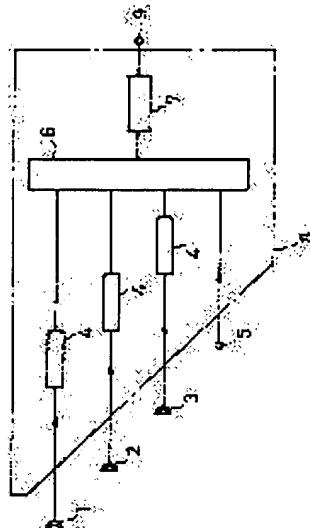
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(54) ON-VEHICLE SPEECH RECOGNITION DEVICE

(57)Abstract:

PURPOSE: To obtain a speech signal with a high SN ratio and to improve the recognition rate of the device by recording a voice other than a driver's one and noises by using dedicated microphones respectively and inputting them to a noise elimination part, and removing the noises which are mixed with the signal obtained by the microphone for the driver.

CONSTITUTION: A speech input microphone 1 for control is installed for the driver and a microphone 2 for a speaker other than the driver and an on-vehicle microphone 3 for noises are installed additionally. The signals obtained by the microphones respectively and the output signal of an acoustic equipment are inputted to the noise elimination part 6 directly. The microphone 1 for the driver is provided to the steering wheel part of the vehicle and its internal transmitter sends the signal to the receiver incorporated in the acoustic equipment. Thus, the distance from the driver microphone to the driver is shortened to obtain the high SN ratio.



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